

同類項をまとめよう

$$(1) \quad 2 + 4 + 6 - 7x - 9x^2 - 7x^2$$

$$(2) \quad 2x + 2x^2 + 5x^3 - 6x + x - x$$

$$(3) \quad 5x - x^2 - 5x^2 + 7 - x - 6x$$

$$(4) \quad -3 - 2x^3 + 7 - 3x^2 + 8x - 2x^2$$

$$(5) \quad 3x^3 + 8x^3 - 3x^2 - 7x^3 + 3x^3 - 4x$$

$$(6) \quad -9x^2 - x^2 + 4x^3 - 6x^3 + 2x^3 - 4x^3$$

$$(7) \quad 6x^3 + 5x^2 - x^2 + 2x + 4 - 7x^2$$

$$(8) \quad -4x^2 + 7x^3 + 6x - 8x^3 + x^2 + 3x^2$$

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 2 + 4 + 6 - 7x - 9x^2 - 7x^2 \\ &= -16x^2 - 7x + 12\end{aligned}$$

$$\begin{aligned}(2) \quad & 2x + 2x^2 + 5x^3 - 6x + x - x \\ &= 5x^3 + 2x^2 - 4x\end{aligned}$$

$$\begin{aligned}(3) \quad & 5x - x^2 - 5x^2 + 7 - x - 6x \\ &= -6x^2 - 2x + 7\end{aligned}$$

$$\begin{aligned}(4) \quad & -3 - 2x^3 + 7 - 3x^2 + 8x - 2x^2 \\ &= -2x^3 - 5x^2 + 8x + 4\end{aligned}$$

$$\begin{aligned}(5) \quad & 3x^3 + 8x^3 - 3x^2 - 7x^3 + 3x^3 - 4x \\ &= 7x^3 - 3x^2 - 4x\end{aligned}$$

$$\begin{aligned}(6) \quad & -9x^2 - x^2 + 4x^3 - 6x^3 + 2x^3 - 4x^3 \\ &= -4x^3 - 10x^2\end{aligned}$$

$$\begin{aligned}(7) \quad & 6x^3 + 5x^2 - x^2 + 2x + 4 - 7x^2 \\ &= 6x^3 - 3x^2 + 2x + 4\end{aligned}$$

$$\begin{aligned}(8) \quad & -4x^2 + 7x^3 + 6x - 8x^3 + x^2 + 3x^2 \\ &= -x^3 + 6x\end{aligned}$$